

Title (en)

Method of indicating downlink control channel and a communication device related thereto

Title (de)

Verfahren zur Anzeige eines Downlink-Steuerkanals und Kommunikationsvorrichtung dafür

Title (fr)

Procédé d'indication de canal de commande de liaison descendante et dispositif de communication associé

Publication

**EP 2675100 A2 20131218 (EN)**

Application

**EP 13172020 A 20130614**

Priority

- US 201261659985 P 20120615
- US 201313917618 A 20130613

Abstract (en)

A method of indicating a downlink (DL) control channel for a network of a wireless communication system method comprises configuring an enhanced physical control format indicator channel (ePCFICH) according to an amount of resource for transmitting an enhanced physical DL control channel (ePDCCH) of a subframe, wherein the ePDCCH is dedicated to a communication device of the wireless communication system or to a group to which the communication device belongs; and transmitting the ePCFICH to the communication device via a plurality of bits of a physical hybrid automatic repeat request (HARQ) indicator channel (PHICH) of the subframe, to indicate the amount of resource for transmitting the ePDCCH to the communication device.

IPC 8 full level

**H04L 5/00** (2006.01)

CPC (source: EP US)

**H04L 5/0053** (2013.01 - EP US); **H04W 72/23** (2023.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2675100 A2 20131218; EP 2675100 A3 20140101; EP 2675100 B1 20180725;** CN 103516497 A 20140115; CN 103516497 B 20161228;  
TW 201406113 A 20140201; TW I500303 B 20150911; US 2013336253 A1 20131219; US 9480059 B2 20161025

DOCDB simple family (application)

**EP 13172020 A 20130614;** CN 201310242874 A 20130617; TW 102121352 A 20130617; US 201313917618 A 20130613